

## **ABSTRACT OF THE DISCLOSURE**

A complex of facilities and method of iceberg insulation for further production of fresh water includes a technological ship with a set of equipment for towing and maneuvering the doubled roll manufactured of a special cloth of considerable length as the cover basis for iceberg embracing. The said cloth is manufactured of two layers of waterproof material stable to action of saline water, solar radiation and low temperatures. The layers are attached to one another along the lines forming a net out of cells of air cushions joined by air ducts connected into a single unit through which pipes for saline water removal are also laid.

The technological vessel, in particular, is equipped with a winch, cables, pumps and drives as well as a system for controlling the condition of the complex parts.

The method includes submerging of the doubled roll of the said cloth under the iceberg, its underwater part embracing, pumping in the air into the air cushions rows of the cloth according to the given program, cloth unrolling and embracing of the underwater part of the iceberg, then all the iceberg, tightening the belts of the gigantic capacity formed and giving an elongated shape to it providing for its further drift and subsequent towing of the obtained capacity with fresh water to the port of destination or to a meeting point with a water tanker.

7 Claims, 27 drawings